

REMARKS

Summary of the Office Action

Claims 1-3 and 5-7 stand rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by *Corisis et al.* (U.S. Patent Publication No. 2003/0189257).

Claims 1-3 and 5-7 stand rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by *Song et al.* (U.S. Patent No. 6,642,627).

Claim 4 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over *Corisis et al.*

Claim 4 stands rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over *Song et al.*

Claim 8 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over *Corisis et al.* in view of *Miyagawa* (U.S. Patent No. 6,780,023).

Claim 8 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over *Song et al.* in view of *Miyagawa*.

Summary of the Response to the Office Action

Applicants have amended independent claims 1 and 2 to more particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Accordingly, claims 1-8 remain pending for further consideration with claims 9-11 being withdrawn from consideration.

The Rejections under 35 U.S.C. §§ 102(e) and 103(a)

Claims 1-3 and 5-7 stand rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by *Corisis et al.* and also as allegedly being anticipated by *Song et al.* (U.S. Patent No. 6,642,627). Claim 4 stands rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over *Corisis et al.* and also as allegedly being unpatentable over *Song et al.* Claim 8 stands rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over *Corisis et al.* in view of *Miyagawa* and also as allegedly being unpatentable over *Song et al.* in view of *Miyagawa*. To the extent that these rejections might be reapplied to the claims as presently amended, they are respectfully traversed as being based on a reference or a combination of references that neither teach nor suggest the novel combination of features recited in the claims.

Rejection based on *Corisis et al.*

With respect to independent claims 1 and 2, as newly-amended, Applicants respectfully submit that *Corisis et al.* does not teach or suggest a claimed combination including at least a feature that “an entire exposed surface of the center-bonding pads is covered by the edge-bonding metal patterns.”

In contrast to the present invention of newly-amended independent claims 1 and 2, *Corisis et al.* fails to show or even to teach or suggest that the conductive traces 45 (allegedly corresponding to the claimed “edge-bonding metal patterns”) covers an entire exposed surface of the connecting bond pads 34 (allegedly corresponding to the claimed “center-bonding pads”). In other words, Applicants respectfully submit that *Corisis et al.* does not show the claimed

combination including at least the feature that “an entire exposed surface of the center-bonding pads is covered by the edge-bonding metal patterns,” as recited by each of newly-amended independent claims 1 and 2.

Rejection based on *Song et al.*

With respect to independent claims 1 and 2, as newly-amended, Applicants respectfully submit that *Song et al.* does not teach or suggest a claimed combination including at least a feature that “an entire exposed surface of the center-bonding pads is covered by the edge-bonding metal patterns.”

In contrast to the present invention of newly-amended independent claims 1 and 2, *Song et al.* fails to show or even to teach or suggest that the pad-rearrangement pattern 15 (allegedly corresponding to the claimed “edge-bonding metal patterns”) covers an entire exposed surface of the bond pad-wiring pattern 12 (allegedly corresponding to the claimed “connection members”). In fact, as shown in FIG. 11 of *Song et al.*, the exposed surface of the bond pad-wiring pattern 12 is mostly covered by a passivation layer 16. In other words, Applicants respectfully submit that *Song et al.* does not show the claimed combination including at least the feature that “an entire exposed surface of the center-bonding pads is covered by the edge-bonding metal patterns,” as recited by each of newly-amended independent claims 1 and 2.

In addition, Applicants respectfully assert that the Final Office Action does not rely on *Miyagawa* to remedy any aspect of the above-noted deficiencies of *Corisis et al.* and *Song et al.* Moreover, Applicants respectfully submit that *Miyagawa* cannot remedy the deficiencies of

Corisis et al. and *Song et al.* That is, *Corisis et al.*, *Song et al.* and *Miyagawa*, whether taken individually or in combination, do not teach or suggest the claimed combination including at least the above-described feature recited in newly-amended independent claims 1 and 2.

Accordingly, for at least the forgoing reasons, Applicants respectfully assert that the rejections of independent claims 1 and 2 under 35 U.S.C. § 102(e) should be withdrawn because each of the applied references does not teach or suggest each and every feature of independent claims 1 and 2, as newly-amended. As pointed out in MPEP § 2131, "[t]o anticipate a claim, the reference must teach every element of the claim." Thus, "[a] claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. Verdegaal Bros. v. Union Oil Co. Of California, 2 USPQ 2d 1051, 1053 (Fed. Cir. 1987)." Furthermore, Applicants respectfully assert that dependent claims 3-8 are allowable at least because of their dependencies from independent claim 2 and the reasons set forth above.

With no other rejections pending, Applicants respectfully assert that claims 1-8 are in condition for allowance.

Conclusion

In view of the foregoing remarks, Applicants respectfully request entry of the amendments to place the application in clear condition for allowance or, in the alternative, in better form for appeal. Should the Examiner feel that there are any issues outstanding after

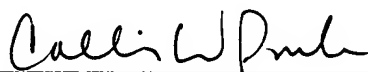
consideration of this response, the Examiner is invited to contact Applicants' undersigned representative to expedite prosecution.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: July 11, 2005

By: 
Collin W. Park
Reg. No. 43,378

Customer No. 009629
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004
Tel: 202.739.3000